

PREGISTERED CIVIL ENGINEER May 1, 2006 PLANS APPROVAL DATE The State of California or its officers or ogents shall not be responsible for the accuracy or completeness of electronic copies of this pic To get to the Caltrans web site go to http://www.dot.ca.gov 1/2" Threaded steel rod $1\frac{1}{2}$ " Pipe stakes, 6'-0" long when required See Standard Plan D87A for Plate Detail

 $\frac{1}{2}$ " Bolts and washers (Typical) ¾" × ½" Band

 $L2^{1/4}$ " × 3" × $^{1/4}$ "

1½" Pipe stakes,

6'-0" long when required

(3" length)

NOTES:

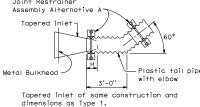
- 1. Cable or slip joint to be used when specified.
- 2. Slip joint to be omitted when completely buried.

Plastic Pipe dimensions as tabulated below.											
	Р	10"	15"	18"	21"	27"		Dia	Min	М	N
	Q	8"	12"	15"	18"	24"	1 [8"	10'-0"	1'-6"	8''
							П	12"	15'-0"	1'-8"	1'-0"
							' [15"	25'-0"	2'-0"	1'-3"
							ı	18"	30'-0"	2'-6"	1'-4"
							Ī	24"	40'-0"	3'-0"	1'-6"

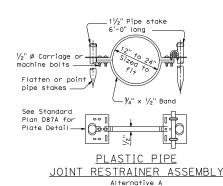
Taper joints may be welded or riveted. Dimensions to be as tabulated below.

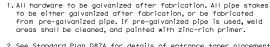
Dia	Α	В	С	D	E	F	G	Н
8"	1'-4"	2'-11/2"	1'-3"	43/4"	5"	6'-0"	2'-0"	1'-0"
12"	1'-6"	2'-1/2"	1'-7"	33/4"	5"	6'-0"	2'-0"	1'-0"
15"	1'-9"	2'-6"	1'-11"	41/2"	6"	6'-0"	2'-0"	1'-2"
18"	2'-0"	2'-10"	2'-3"	5"	7"	6'-0"	2'-0"	1'-4"
24"	2'-10"	3'-10"	2'-11"	6"	9"	4'-0"	4'-0"	1′-6"

ENTRANCE TAPER - TYPE 1



ENTRANCE TAPER - TYPE 2





DIST COUNTY

II.

POST MILES SHEET TOTAL TOTAL PROJECT NO. SHEETS

Glenn DeCou

o. C34547

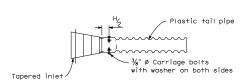
Exp. 9-30-07

- at dike.
- 4. Plastic pipe and fittings used for overside drains shall be from one manufacturer for each installation.
- 5. Entrance taper "H" dimension is length of insertion of metal taper into plastic pipe.
- 6. For cable anchorage system details, see Standard Plan D87C.
- 7. At contractors option, tail pipe and tapered inlet may be supplied from manufacturer as a pre-connected unit as shown in Detail A.

PLASTIC PIPE DOWNDRAIN DETAILS

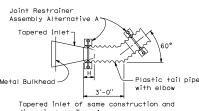
NO SCALE

D87B



PLAN Alternative tail pipe to entrance pipe connection

DETAIL A (See Note 7)



PLASTIC PIPE JOINT RESTRAINER ASSEMBLY Alternative B NOTES:

SECTION A-A

1/2" Threaded steel rod

<u>PLAN</u>

2. See Standard Plan D87A for details of entrance taper placement

3. Pipe stakes to be used with joint restrainer when specified.

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION